

Date: Fri, 28 Oct 94 04:30:12 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: List
Subject: Info-Hams Digest V94 #1166
To: Info-Hams

Info-Hams Digest Fri, 28 Oct 94 Volume 94 : Issue 1166

Today's Topics:

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 PGP-Signatur in PACKET RADIO
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Subject: Keeping in touch by Ham radio: round the world flight
 TUTORIAL: dB & dBm

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Thu, 27 Oct 94 17:52:59 EST
From: deef@ace.com (Deef)
Subject: anyone know anything about hallicrafters

M{>{vancleef@netcom.com}

M{>In article <Cxsu2o.31B@rahul.net> Mike Lyon <mlyon@rahul.net> writes:
M{>>

M{>>i recently picked up a old hallicrafters shortwave reciever. i would like
M{>>to see if i can get some schematics,information or anything on it. on the
M{>>tune dial it says "Skyrider jr." and i can barely make out the model no.
M{>>it says model "h" in a white circle and after that it says either one of

M{>>these, i can't tell it's a little rusty, but it's either a s-416,
M{>>s-116,s-110, s-410. it's about a foot long and about 9 inches tall and
M{>>about 9 inches wide. and also does hallicrafters still exist? if it does
M{>>could anyone give me the any information on how to contact them.

M{>>

M{>"Skyrider Jr." was only used on model S-41. This was essentially an
M{>Ecophone EC-1A, built immediately after WWII, and replaced by the S-38.
M{>It is an AC-DC set.

M{>Hallicrafters vanished about fifteen years ago.

M{>--

M{>=====

M{>Hank van Cleef The Union Institute History of Science

M{> E-mail vancleef@netcom.com or vancleef@tmn.com

M{>=====

I wanted to add that Mike want wish to check with :
Antique Wireless Association (which publishes a bulletin)
Holcomb NY 14469

and he could check for related ads or post in:
Amateur Radio Trader (listed price: \$2.95/issue, about 126 pages)
PO Box 3729
Crossville TN 38557

Membership in the AWA is not expensive, and members get to place free
ads. Lots of good info and ads in their Bulletin. He might want to
write to Bruce Kelley, on Main St. in Holcomb.

--Deef (deef@ace.com) N1JAL

Date: Thu, 27 Oct 94 17:53:16 EST
From: deef@ace.com (Deef)
Subject: ARRL to change "Silent Keys" label in QST?

M{>{hutzley@ranger.enet.dec.com}

M{>> Maybe "Final QRT" would be a suitable choice.
M{>>

M{> I Actually think that would be a good title for ALL
M{> CLASSES of operators. But then on the other hand, the PTT
M{> button on a mike is sometimes refered to as 'A KEY!'

M{>

Steve/N1TEC

Come to think of it... if you had an external modulator, you might very well be using the old key for a PTT button!

--Deef (deef@ace.com)

Date: 28 Oct 94 18:13:00 GMT
From: jonep@dg13.cec.BE (JONES Peter)
Subject: Call Sign ID

In article <38hqas\$6rt@detroit.freenet.org>, ad779@detroit.freenet.org (John Hughes) writes...

>

>Is it appropriate or not to state a call with a double letter (i.e., xy8ppq) as xy8 double pq? An older Ham indicated this was not proper. Seems minor, with all the imaginative phonetics heard and people who say zed for the z in thei
>in their calls...which is supposed to be some fancy british pronunciation?
>What does the group think?

I think that to refer to a British pronunciation as "fancy" is very parochial. The Zed pronuncation is the way the British pronounce it, and since British English pre-dates the American variety by several hundred years, I suggest that if anybody is being fancy, it is the Americans with Zee!

Pete Jones, ON9CUK
pjones@icom.com

Date: Tue, 25 Oct 1994 14:41:08 +0000
From: ip@g8sjp.demon.co.uk (Iain Philipps)
Subject: Call Sign ID

In article <38hqas\$6rt@detroit.freenet.org>
ad779@detroit.freenet.org "John Hughes" writes:

> Is it appropriate or not to state a call with a double letter (i.e., xy8ppq) as
> xy8 double pq? An older Ham indicated this was not proper. Seems minor, with

Whether it's "proper" or not, I really couldn't say. But in my opinion it can (does) cause confusion, particularly when folks aren't expecting it :-)

> all the imaginative phonetics heard and people who say zed for the z in thei

> in their calls...which is supposed to be some fancy british pronunciation?
> What does the group think?

Hmm ... to 'Zee' or not to 'Zee' ...

Where did you get the idea that 'Zed' is '... some fancy british pronunciation'?

John, I don't know what your ethnic origins are, and what linguistic rules you may or may not apply when deciding which would be correct. Unless I'm mistaken (and I'm sure that there are plenty of folks who will be ready to correct me if that is the case) American English is considerably predated by the version of the dialect spoken in England. If the inhabitants of the United States have chosen to corrupt the English language, then so be it.

Oh - by the way - just how long, exactly, have you been a bigot?

--

Iain Philipps

Date: 27 Oct 1994 15:28:48 GMT
From: tom@kontron.de (Thomas de Lellis)
Subject: Converting Lat/Lon to Int. Locator Coordinates

Hello!

Does anyone out there have an algorithm for converting latitude-longitude coordinates to international locator coordinates?

Also, I seem to remember seeing somewhere that there is more than one locator scheme (i.e. ARRL vs. what is used in Europe, etc.) What are the differences?

73

--

Thomas de Lellis
DL5MGZ - KN6EI

Date: 27 Oct 1994 22:06:02 GMT
From: scotte@ccs.neu.edu (Scott Ehrlich)
Subject: HELP HAM RADIO AND MORE GET ONTO SHORTWAVE

The following was posted on Genie. NOTE: Corrections will follow the forward.

- - - - -

Radio & Electronics RT
Category 4, Topic 5
Message 95 Wed Oct 19, 1994
BIRDWATCHER [Gary, MI] at 21:28 EDT

Ever want to program a major shortwave station? Pick the kind of shows YOU want to hear?

Well here is your chance!

I have been asked by Adam Locke of WWCR to post the following:

To all WWCR Listeners:

This is your chance to let us know what you want to have more of. For months we have been doing country music to the world in the afternoons. Do you want this to continue, or would you like to have more talk programming during the day? Any favorite talk shows? Other ideas? Mail us a post card with the top five shows you would like to hear during the day (no phone calls please).

EMAIL US at: NMKS01@PRODIGY.COM

Or write:

WWCR AFTERNOON PROGRAMMING SURVEY
WWCR AVENUE
Nashville TN 37218

Do it TODAY!!

Note: Please spread the word. Can someone post this on rec.video.shortwave and FIDO SW ECHO?

I can not access these conferences. Just repost the message.

I have already said what I would like. Also WWCR will be running their

* E & CE Dept. University of Waterloo, Waterloo, Ontario,
* Canada, N2L3G1. (519)888-4567, X-3716, fax:(519)888-6197

* Advice is the gift of the giver. What ever you do with it is up to you! *
* * * * *
* Les Conseils sont un cadeau du donneur. Vous en faites ce que bon vous *
* semble! *
* Ratschlaege sind ein Geschenk des Gebers. Was Sie damit machen ist Ihre *
* Sache. *
* --- To my children, family, friends, and associates. --- C. Edward Spike *

Date: 27 Oct 1994 17:12:44 -0400
From: sjking@freenet3.scri.fsu.edu (Steven J. King)
Subject: PGP-Signatur in PACKET RADIO

Jeff Racz (jeffr@sa-htn.valmet.com) wrote:
> bafpa@infodude.com wrote:

> : IT>A ham is only allowed to use "open speech". But signing a message
> : IT>with the program PGP might be ok.

> You should refer to the section of the rules prohibiting amateurs from using
> codes and cyphers in communicating. I think that they pretty explicitly
> exclude the use of PGP in amateur radio.

That is what I was wondering myself when I started reading this
thread. Would using PGP on packet messages be illegal under the "no
cypher" rule even if the callsigns in the packet header are easily
decodable? I would think so, eh?

--
Steven King SJKing@Freenet.FSU.EDU | "FREEZE, HAIR-BOY!"
ICBM: 29N 41' 26" / 82W 21' 17" |
Pkt: KC6WCH @ NOARY.#NOCAL.CA.USA.NA |

Date: 27 Oct 1994 22:55:16 GMT
From: robertn@hoodriver.esd.sgi.com (Robert Novak)
Subject: Question: Internet/Ham

I've got a question for all you Hammys out there.

My parents are sailing to Mexico in January and I'd like to stay in contact

with them via internet.

My father has has ham gear aboard. Can he subscribe to a service and have access to internet with the HAM radio?

If so, who do I contact to set it up and what special gear will he need on his end.

Thanks in advance

rob novak

```
-- Robert Novak / Interactive Systems Division / (415)-390-2603
-- robertn@sgi.com
--
--- "Can I pour you a draft, Mr. Peterson?"
--- "A little early, isn't it Woody?"
--- "For a beer?"
--- "No, for stupid questions."
```

Date: 28 Oct 94 16:29:00 GMT
From: pve@dg13.cec.BE (VEKINIS Peter)
Subject: Subject: Keeping in touch by Ham radio: round the world flight

Possible answers:

By international regulations, radio communications identification has to follow country of registry. This applies to ships, planes etc. Thus if a plane is registered in the US, and has a NXXXX number (the N, like ham callsigns follows the US - ever see the tail of a commercial plane?) he must have a FCC amateur radio station license.

The FCC forbids ham radio operation in planes that are in the air, or about to take off. That's is, commercial planes. However in a private plane, operation permission remains with the pilot (just like boats). Equipment must be separate from aviation equipment (just like boats).

Your friend would have to use his US call anywhere, suffixed by /AM (Aeronautical Mobile) until the point where he lands. If he lands on a country not under FCC jurisdiction, he then must have the permission of the host country (exception: Canada it is automatic) or a reciprocal agreement with that country. Since he is not going to land, this isn't necessary. Depending where he is, ITU region 1, 2 or 3 he will be able to transmit in different frequencies. So if he is flying over Europe, 40 meter band is from

7.000 to 7.100, so he would have to adapt his frequencies accordingly.
Finally, there is an Air Traffic Control Net every day, controlled by W1BFA,
on 14.277, run by Ernie in Maine. It starts at 6am Eastern and beams north
east. Ernie can supply weather reports and air conditions 24 hours a day
through the network of nets he associated with. He is linked to S&R teams
over the US and Atlantic.
Just ensure your friend announces the info about his trip well in advance.
Peter, KC1QF
European Commission
Brussels

pve@dg13.cec.be

Date: Thu, 27 Oct 94 17:52:50 EST
From: deef@ace.com (Deef)
Subject: TUTORIAL: dB & dBm

M{>{defranco@fermi.cs.rl.af.mil}

M{>Great introduction - well done, except for one minor nit.
M{>A decibel is always relative. As you clearly demonstrate,
M{>the decibel is the log of a ratio of two quantities. As such,
M{>the resulting number is always relative. By fixing one of
M{>the quantities, say as one milliwatt, you simply define one
M{>of the two. That doesn't make dBm an absolute quantity.
M{>Otherwise, great.

I didn't catch the previous thread, but 0 dBm = 1 mW, and in the audio
world, that generally means 0.775 V into 600 ohms.
Other references used are 0 dBV= 1 volt (not a power measurement, but
voltage), 0dBu=.775V (also not a power measurement), 0dBf= 1 femtowatt
(which was brought in to clarify receiver sensitivity specs, after the
industry starting playing around with numbers).

Indeed, the dB represents a ratio, and is meaningless without a
reference value for 0dB, whether it's a certain power level or whatever.
The dB is just a handy way to think about how much more or less of that
reference you are measuring. I hope this helps.

--Deef (deef@ace.com)

Date: 27 Oct 1994 22:06:51 GMT
From: myers@sunspot.West.Sun.COM (Dana Myers)

References<CyAL1u.3Jy@wang.com> <wyn.206.2EAEAF14@ornl.gov>,
<CyC92u.KFE@news.Hawaii.Edu>
Subject: Re: NoCal 00 , packet BBS that lists posts by "topic"?

In article <CyC92u.KFE@news.Hawaii.Edu> jeffrey@math.hawaii.edu writes:
>wyn@ornl.gov (C. C. (Clay) Wynn, N4AOX) writes:
>
>> No wonder the FCC despairs over the Ham bands.
>
>They do? I've always heard that the FCC has nothing but praise
>for amateurs.

Hmmm... the Washington staffer I spoke to a while ago seemed to be
pretty amused by the activities of amateurs. By the way, this staffer
is also an active amateur. Clay is maybe editorializing a little bit,
but I think he's mostly correct this time.

--

* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *
* "Antenna waves be burnin' up my radio" -- ZZ Top *

Date: 27 Oct 1994 23:26:51 GMT
From: little@iamu.chi.dec.com (Todd Little)

References<Cy8J1v.3wA@wang.com> <19940ct26.114636.5713@ke4zv.atl.ga.us>,
<CyCEKB.7Hq@wang.com>
Reply-To: little@iamu.chi.dec.com (Todd Little)
Subject: Re: NoCal 00 goes after Packet BULLETins

In article <CyCEKB.7Hq@wang.com>, dbushong@wang.com (Dave Bushong) writes:

|>Again, this discussion is not about speech content, but one-way
|>communications.

Good, I'm glad you see our point then. The communication is two-way. I
send a packet to the PBBS and it sends me an acknowledgement. What is
one-way about that? The content may be construed as one-way, but the
communication is definitely two-way. That is unless you set up your
beacon text to be a 10 line cookie recipe. ;-)

And to whomever it was (was it you Dave?) that made the comments about
folks being too cheap to purchase Internet access or whatever, that is
really a stretch. That is like saying we should eliminate the phone

bands because people are too cheap to make long distance calls.

73,
Todd
N9MWB

End of Info-Hams Digest V94 #1166
